



Crop Progress and Condition

Week Ending July 22, 2007

Agricultural Summary

Light, widely scattered rain showers failed to improve soil moisture levels in drier areas of the state, particularly the northern third. However, crop conditions remain mostly favorable statewide. The corn crop showed only a modest decline in condition, as most of the crop is past the critical pollination stage. Soybean condition held steady. The greater concerns in northern areas are the short hay crop and poor pasture conditions. In fact, nearly every district experienced at least some deterioration in pasture condition along with declining soil moisture supplies. **Topsoil moisture** fell 11 points from last week in the adequate and surplus categories to 10 percent very short, 39 percent short, 50 percent adequate, and 1 percent surplus. The west-central, central, and southwest districts are mostly adequate to surplus, but all other districts are 42 percent or less in those categories. There were 6.4 **days suitable for fieldwork**.

Field Crops Report

The **corn** crop is 87 percent silked, while 34 percent is in dough stage, both nearly even with normal. Light to moderate stress has been reported in drier northern areas. The north-central district fell 16 points from last week in good to excellent, with the northwest, northeast, and west-central showing less severe declines. The declines more than offset improvements in other districts, resulting in a moderate drop of 4 points at the state level, rated 3 percent very poor, 8 percent poor, 27 percent fair, 45 percent good, and 17 percent excellent. **Soybean** blooming is at 51 percent, the same as the 5-year average. Seventeen percent is setting pods, the same as last year but slightly ahead of normal. Soybean condition is rated 3 percent very poor, 8 percent poor, 33 percent fair, 48 percent good, and 8 percent excellent. **Sorghum** heading is at 40 percent, about 2 days behind last year but marginally ahead of normal. Three percent is turning color. Sorghum condition is rated 1 percent very poor, 6 percent poor, 36 percent fair, 51 percent good, and 6 percent excellent. **Rice** heading is at 24 percent, 3 days ahead of normal. Rice condition is rated 2 percent poor, 14 percent fair, 60 percent good, and 24 percent excellent. **Cotton** squaring is at 95 percent, the same as average. Sixty-one percent is setting bolls, slightly ahead of normal. Cotton condition is rated 4 percent very poor, 11 percent poor, 29 percent fair, 51 percent good, and 5 percent excellent. **Wheat** harvest is complete except for a few scattered fields in the northwest, as well as some fields in the west-central and southwest districts still affected from early July flooding. Second-cutting **alfalfa** is 88 percent harvested, 5 days behind normal, while the third cutting is 15 percent done, 6 days behind normal. **Other hay** is 93 percent cut compared with 95 percent last year and normal.

Pasture & Livestock

Pasture condition is rated 5 percent very poor, 17 percent poor, 39 percent fair, 31 percent good, and 8 percent excellent, a decline of 3 points in good to excellent. An increasing number of reports across the north are indicating that short hay production and poor pastures are forcing cattle producers into supplemental feeding. If conditions do not improve, some might have to consider liquidating part of their herds. Additionally, the flooding in Bates and Vernon counties destroyed considerable grass acreage.

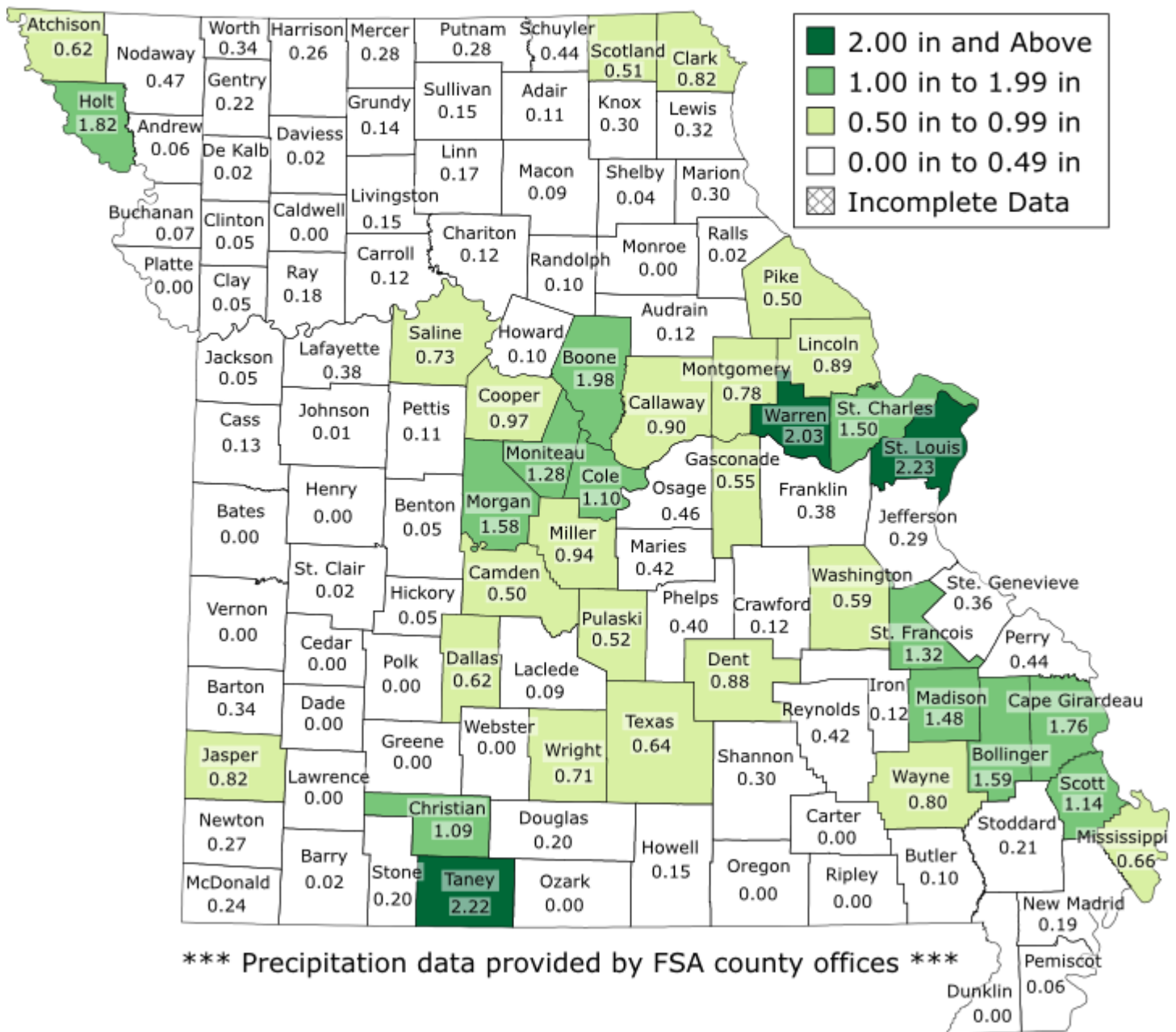
Weather Summary

Temperatures were generally 2 to 3 degrees below average throughout the state with the exception of the northwest corner, which was slightly above normal. **Rainfall** averaged 0.45 inches, ranging from .07 in the west-central district to .88 in the east-central.

District Summaries As Of July 22, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.4	6.6	6.6	6.1	6.6	6.0	5.8	6.3	6.3	6.7
Last Year	6.1	5.4	5.7	6.1	6.8	6.3	5.8	7.0	6.3	5.9
Topsoil Moisture Supply										
Very Short	10	22	13	24	0	2	11	0	2	18
Short	39	46	49	45	16	27	49	24	61	40
Adequate	50	32	38	29	80	70	40	75	37	42
Surplus	1	0	0	2	4	1	0	1	0	0
Corn Silked and Beyond, Percent										
This Year	87	84	88	81	89	95	89	74	100	100
Last Year	88	76	89	88	97	96	78	100	71	100
Normal	88									
Corn Dough Stage and Beyond, Percent										
This Year	34	20	21	32	34	58	25	19	77	59
Last Year	35	16	21	20	43	25	31	72	25	84
Normal	36									
Soybeans Blooming and Beyond, Percent										
This Year	51	35	56	65	29	49	61	11	60	67
Last Year	56	52	55	61	65	67	53	20	48	52
Normal	51									
Sorghum Headed and Beyond, Percent										
This Year	40	40	36	33	42	29	51	52	50	43
Last Year	46	21	33	31	47	50	52	49	43	70
Normal	37									
Alfalfa Hay 3rd Cutting, Percent										
This Year	15	3	5	5	10	19	14	38	40	47
Last Year	29	18	11	20	39	28	23	47	58	85
Normal	24									
Other Hay Cut, Percent										
This Year	93	94	87	93	84	96	98	95	97	100
Last Year	95	97	87	95	93	97	98	96	97	100
Normal	95									
Corn Condition										
Very Poor	3	1	3	2	4	4	0	0	0	5
Poor	8	13	6	10	5	4	9	3	3	6
Fair	27	38	37	28	19	12	31	19	4	18
Good	45	35	31	46	48	60	50	68	29	51
Excellent	17	13	23	14	24	20	10	10	64	20
Soybean Condition										
Very Poor	3	1	1	2	11	3	0	0	0	5
Poor	8	9	6	10	8	6	2	1	0	13
Fair	33	43	41	27	26	24	38	36	1	28
Good	48	42	40	54	45	62	55	63	35	43
Excellent	8	5	12	7	10	5	5	0	64	11
Sorghum Condition										
Very Poor	1	0	0	0	4	0	2	0	0	3
Poor	6	10	2	5	6	0	5	13	0	13
Fair	36	45	61	33	33	23	44	31	5	33
Good	51	42	31	54	53	72	43	48	68	48
Excellent	6	3	6	8	4	5	6	8	27	3
Pasture Condition										
Very Poor	5	7	13	26	3	1	10	0	0	8
Poor	17	28	29	29	4	3	20	0	41	21
Fair	39	43	40	26	50	40	42	39	27	52
Good	31	21	17	18	35	42	28	44	26	19
Excellent	8	1	1	1	8	14	0	17	6	0
Average Precipitation	0.45	0.28	0.18	0.29	0.07	0.64	0.88	0.30	0.56	0.52

Precipitation for Week Ending July 22, 2007



Precipitation for Four Weeks Ending July 22, 2007

